

Chronology of Events (All times are Local Eastern Standard Time)

Approximately 9AM: Construction worker Richard Knowles, pilot West 4 Street and LaGuardia Place at construction site 767 hit 80th floor [REDACTED] (Richard Knowles)

AAL77 IAD-LAX York lost over Indian @ 350

[REDACTED] AAT Command Center

UAL175 North New Jersey - Ghost Target

9:20AM ZNY-ATC-Zero
AAL-11 confirmed Boston

9:25AM Data-radar data dump: AAL11 McCormick confirmed hit
AAL77 Lost at 9:25AM York Kentucky
UAL175 Possible IAD arrival at IGN

9:30AM UAL175 Ruggerio nothing from Newark

9:34AM Moving VFR away possible Military IAD no knowledge possible National (DCA) hotline activation

9:35AM Maybe not AAL11 into WTC per McCormick

9:35AM DCA notified check Hotline activated; primary 3 miles south, now 1 mile

9:40 AM UAL175 501 confirmed from Canoles out of BOS

9:40AM Flight hitting west side of Pentagon by VFR

9:42AM DAL1989 Boston to LAX on ground hijack

UAL93 Bomb threat airborne ZOB reported by ZBW from EWR

9:43AM East Moving VFR to Whitehouse per John Hendershod IAD OM 6 miles SW

9:44AM IAD grounding aircraft getting on ground in airspace

9:45AM A1 movement times requested (Florida)

9:47AM UAL93 descending in ZOB airspace south of Akron, OH

9:50 AM DAL1989 Hijack BOS-LAX near DRIER VOR B767

9:52 AM PITT evacuation of tower

9:55AM ALL commercial traffic on ground in Washington Area BWI/DCA/ADW/IAD

9:56AM Attempting to contact facilities

9:57AM N90 update 1203Z POU VFR 160 southbound headed to WTC

9:58AM UAL93 heading SE to Washington Area

DAL1989 Landing at CLE

10:01AM East southeast PIT 40 7500 UAL93 North

10:01 AM Possible another hijack

10:03AM Aircraft destined for USA divert to Canada overflight; domestic stop

10:05AM Telcon with Manager/National Emergency

10:05AM Evacuate Whitehouse, Pentagon

10:06AM N90 Evacuate 5 controllers in each area

10:06AM ZOB AFSS

10:06AM Essential only Managers may need to recall

10:08AM ZOB - lost radar with UAL93 near Johnstown

10:09AM Check with TEB to broadcast on frequency 243.0, good to go, TEB to broadcast on ground

10:10AM Called IAD - no radar

10:11AM UAL93 heading to Washington

[REDACTED] call Sabra for Reliever airports (no connection)

10:14AM 60 Northwest of DCA fast moving

10:15AM UAL93 is down confirmed 40 Southeast JST, Sommerset, PA

① Copy - AEA-500

② Copy - AEA-1

③ Copy - AEA-700

④ This Copy

⑤ FAXED TO HQ

9/11/01
6:20

10:16AM Fast westbound to Boston 16,000 reported by ZNY McCormick
 10:18AM A1 airborne
 10:19AM McCormick reported
 10:20AM IAG Full ATCT evacuation
 10:21AM DAL1989 on ground at CLE
 10:22 AM Skorkski Helicopter
 10:25AM NOTAM Washington area airports closed
 Bob Brickley, IAD Support Spec. line into IAD
 10:27AM Brickley advises that DCA AFSS all airports in USA closed
 10:30AM TEB Medivac only - WTC colapses
 10:35AM Military aircraft
 10:37AM DAL1989 flaps up at CLE on ground
 10:40AM AAL77 ZKC airspace airborne
 10:44AM Request PHL open for Landing
 10:46AM Per AEA-500 no aircraft except Military, Medivac and N4
 10:50AM N2 Leaving DCA cleared to MSY
 10:51AM ZBW FDIO-ATC-Zero per IAD (Boston ARTCC)
 10:52AM AT Bridge [REDACTED] McCartney for AT facilities)
 10:54AM TFR 5 mile radius of WTC
 10:57AM N4 inbound DCA is cleared to land, Attorney General, ETA Noon, communications problems, destination ADW, diverted DCA
 10:58AM CLE ARTCC small plane - evacuating
 10:59AM AAL77 down Ashland, KY unconfirmed
 11:05AM 5 Medivac Helo's military refusing
 11:06AM N4 changing Destination to DCA, Canoles advised
 11:11AM per 500 IAD to relay for DCA, Security requesting General Kavinidy (ACS-1) to be picked up in Puerto Rico. FAA Hangar 6 wants to send to Puerto Rico, Hangar 6 to contact Pete Challan, Brickley to relay.
 11:14AM BWI staffing adequate - SWAP
 Law enforcement has not entered DAL1989.
 11:14AM ORF Coast Guard; 3 distress calls reported, per Guy White
 UAL947, AC065, COA57 flight plans not stored

 11:15AM AEA-505 Ruggeri calling Military
 11:16AM SCATANA Procedures for ANE/AEA by Military -Military will confirm
 11:17AM DAL1989 confirm Hijacking from AEA-700 (Arros) Security off tactical net
 ATCT talking to aircraft
 11:20AM LAX diverting to Ontario per Lee Connor, Security
 11:21AM DCA a lot of Military
 11:22AM JFK evacuated per Port Authority reported by George Dodelin, cell [REDACTED] for Dodelin
 11:23AM DAL1989 taxi-ing to gate at CLE
 11:24AM AAL77 ZID no wreckage Ashland, KY
 11:25AM Ruth Marlin NATCA VP, Bob Tobin and Bill Peacock coming from MSY
 UAL23, Terminal 7, Gate 2; 3 Arabs refusing to get off plane at JFK
 11:27AM N4 15 mins out of DCA per ASDI
 11:28AM Fighter escort for N4 into DCA [REDACTED] ATS NET
 11:30AM N4 75 miles from IAD
 11:31AM Reference 11:14AM ORF : additional information; aircraft reporting from Consat Air Station, ALA877, COA51 these 2 aircraft getting the highest number of calls
 11:34AM General Kanivan Departed 11:30AM R108/680 Puerto Rico, West Palm Beach to Andrews
 11:35AM 3 Medivacs Helicopters BDL to NYC; 5 TEB Medivacs
 11:38AM N4 escort? 65 west IAD;
 Quid26 N4 Holding (waiting escort)
 11:39AM PAT108 Citation San Juan 60180 tail # to West Palm Beach to ADW; General Kanivan on board

11:40AM Pentagon requesting to take ATC operation, Canoles no knowledge, NMCC LTC Bucknam
[REDACTED] per Canoles dealing with military request.

11:46AM N4 circling waiting for escort
Life flights, each flight individually, case by case bases (parts) with Military, require Beacon codes.

ZNY request release personnel - case by case basis.

N4 28 West IAD heading DCA

11:47AM COA57 and AC065 in Monkton airspace, AC065 reported OK

11:48AM ATCS refusing to report to work NYC area - count ok now, Canoles advised

11:49AM N4 10 west IAD

11:50AM N4 over IAD

11:51AM TEB still awaiting release for Medivac through service cell per Canoles need beacon codes and #'s.

11:55AM N4 2 south of DCA

ORF: Coast Guard station reporting Airitala Cell # EICRL distress call

11:56AM AGL 95 miles west of PIT

11:57AM ERI evacuated twice

11:58AM AEA-501 release ATD Eastbound first 2 persons to stay behind

12:00 Noon Requesting Release for TEB medvacs #'s AEA-500 to Linda, HQTRS.

N9LV 0344

N121LF 0343

N1930A 0345

N5NJ 0347

N886AH 0350

N202SC 0353

N302PS 0354

12:00 Noon 2 VFR 15 East of IAD (think Military near Camp David); DCA working

12:06PM Order 7610.4J SCATANA procedures page 6-31 dated 11/98

12:08PM 14 USAirways, 3 in the air

6 Helicopters BDL-NYC to Port Authority helipad to TEB

12:09PM N2 has not departed no estimated departure

12:11PM Deputy ATF-2, requesting MKC to near DCA

12:11PM 7 Medivacs released out of TEB per Hqtrs

12:14PM Satellite # [REDACTED] to Canoles

12:15PM 7 TEB Medivacs wheels up

12:17PM AEA-500 requesting call signs on all medivacs

12:18PM C182 out of MGJ

10 Major carriers accounted for all aircraft

2PM principal only TELCON per Canoles

12:20PM N2 at DCA confirm type is LR31 ASDI

12:21PM N2 rolling

12:25PM 3 Helicopters Medivacs ABE-NYC waiting DOD approval

12:26PM N2 airborne (130 minutes to destination MSY)

12:30PM COA57 on ground at Gander

UAL947 Returned to Gander

AC069 unknown

Per Canoles and McCormick

12:32PM AEA-1 SECON D

12:35PM Skorski Helicopter N601S #1 WTC POU 1203Z

UA93 on ground Sommerset, PA

AAL11 #2 WTC South turn around

UAL175 WTC

DAL1989 CLE

AAL77 IAD LAX Pentagon Still Missing

12:35PM IAD gave [REDACTED] # for medivac in ZDC

12:35PM Elkins, WV scramble on Air carrier? MD88 being intercepted?
 12:45PM Military Aircraft FL350 one of theirs
 12:45PM [REDACTED] Military command post LTC Bucknam
 12:50PM Relocating Congress
 1:00PM Increase security level
 1:04PM Skorski helicopter landed 20 minutes early, normal GE run at 1228Z to WTC
 1:04PM Primary target 400KTS down Hudson
 1:10PM [REDACTED] terminated bridge with IAD
 1:10PM Coordination with ATSCC – medivac from HAR to crash site in PA
 1:11PM UAL175 radar data
 AAL11 requested from ALB 1200 codes from ALB Approach 1130Z to 1330Z
 1:13PM AA11 voice tape on FAA intranet – AEA-505 setting up tapes.
 No information on the website – reference tapes.
 1:15PM M. Cirillo wanted to set up line where AEA can approve medivac flights – need batch of codes
 1:18PM Unconfirmed report Korean Air Flight 017 inbound to LAX being hijacked.
 1:24PM Korean Air Flight 017 diverting into Vancouver, BC
 1:25PM NY Governor N879 code 5601 HPN to Manhattan
 1:26PM All information to Hqtrs to be via AAT-20 website
 1:31PM NORAD will not allow Medivac aircraft airborne
 1:33PM Military Helicopter circling nuclear plant 30 southwest AVP
 1:35PM NY State Police Department/SGT ADAR [REDACTED] N876 Governor Pataki on Helicopter HPN to East 34th street need clearance (5601 beacon code) denied due to unable to coordinate.
 1:36PM UAL flight from IAD to PIT all have emergency personnel on board tail number N949UA.
 1:38PM KAL85 squawking 7500.
 1:40PM Ual requesting to have aircraft fly to PITT for rescue aircraft out of IAD – request forward to Headquarters
 1:45PM 5601-5611 beacon codes for medivac aircraft provided to Headquarters for approval with military
 1:50PM Radar data and WAV file received from ZBW
 1:53PM No data released even internally per Canoles
 1:55PM Principal only TELCON.
 2:00PM Comm Center Reports citizens report B747 like aircraft coming down Hudson
 POU ATCT nothing Kingston Bridge to Beacon Bridge
 2:05PM Aircraft is thought to be KC135 north of LaGuardia
 2:07PM UAL93 SATORI – struggle 1328Z then 12 seconds climbed and descended over PITT and descended and crashed 40 east of PITT.
 2:10PM TSD shut off outside FAA
 2:15PM CNN reports show flight explor.com
 2:20PM N90 reports 1256Z 7 NW ARD beacon code 3321 FI286 490KTS
 2:25PM ROSS 72 N172CV EF5055 HEF-Hilton Head, Deputy FBI Director) Released Beacon Code 07
 2:26PM FBI requests tapes will be confiscated advised S. Carper not to release tapes.
 2:30PM Has new advisory been issued
 ANS – New Advisory has been issued Military/Lifeguard, Police can fly with approval of overlying center.
 2:35PM ZNY CISD requested
 2:40PM Advisory 41 – discrete beacon codes from overlying center
 2:50PM Tony Mello NTAP/SATORI from ZNY/ZDC CDR IAD BWI DCA to RAPTOR format
 2:55PM Upload data on AAT site per Canoles – keep originals in facility.
 3:00PM USA930 hijack from Madrid not verified with PHL or DCA
 3:05PM McCormick advised to release SATORI on AAT web
 3:06PM N2 going to DCA
 3:07PM Ross72 Beacon Code 0573 IAD to HEF is approved.

3:15PM Radar data requested from IAD/DCA
 3:16PM LAX ATCT evacuated due to bomb in parking Lot 2 per Tom Davidson
 3:25PM Additional explosive at LAX found in old terminal
 3:40PM All Towers with active military will stay open per Rick
 3:40PM LGA return to Tower from emergency site.
 3:55PM Coordinate Arrival of PAT108 at ADW with military
 4:00PM Coordinate transport of passengers of N2 from DCA to FAA headquarters N2 ETA DCA 1700Lcl
 4:07PM Coordinate escort of N2 in to DCA
 4:20PM N7601C Sikorsky out of POU – normal operation
 4:22PM UAL175 data forwarded into Hdqtrs.
 4:25PM Discussion with HQ on medivac discrete beacon code and we can allow to let them go
 4:28PM [REDACTED] LTC Mahoney will be called to make sure that
 4:30PM NATCA meeting in NO people being trained in CIRD
 4:30PM [REDACTED] not to be used per LTC Atkins
 4:32PM Change Advisory 41 (Amendment): After law enforcement and Emergency evacuation flight in NAS
 4:32PM "WILD" flight to intercept N2
 4:33PM UAL175 data received by Hdqtrs
 4:34PM N2 ETA 27 minutes at DCA given to Hdqtrs from ASDE
 4:34PM Effective immediately USA Flights Civil and foreign Civil in NAS prohibited except IAW Advisory 041 as amended
 4:35PM BWI advised to call on radar data request
 4:35PM POU N
 4:38PM AAL11 #2
 4:38PM UAL 175 #3
 4:38PM Per McCormick ELT first heard before AAL11 hit
 4:38PM Request JFK UAL175 off and UAL176 and off times; UAL175 1215Z out of BOS
 4:39PM Request JFK to review strips for UAL flights from JFK to BOS
 4:39PM ZNY AAL11 #2 Aircraft
 4:45PM UAL175 #3 Aircraft
 4:45PM Reports will have all information in 30 minutes
 4:45PM Mayor YYZ called for 2 medivac helicopters from YYZ to NYC for help.
 4:46PM Need call signs for Medivac aircraft – approval from Canoles [REDACTED]
 4:46PM 2 Helicopters from Toronto to NYC – Mayor's Office
 4:46PM Call Rick Hostelter [REDACTED]
 4:54PM ZNY upload AAL11 done
 4:54PM UAL175 north 35 miles out
 4:55PM NORAD will request flight tracks from Origin to impacts.
 4:55PM N2 on deck DCA
 4:55PM UAL175 into WTC per McCormick ZNY
 5:05PM POU N7601S departed at 1203Z went to Wall Street left Wall St. at about same time of incidents at WTC went to BOS; at this time is on the ground in BOS.
 5:10PM Millville AFSS and ACY ATCT tapes – screaming at 1228Z Millville and 1215Z ACY.
 5:11PM ETMS Data will be stopped per Salim Haber AEA-401
 5:18PM UAL93 N591UA B757-200
 5:18PM AAL77 N644AA B757
 5:18PM AAL11 N334AA B767-200
 5:18PM UAL175 N612UA B767-200
 UAL93 EWR-SFO confirmed changed DCA as destination in ZOB information passed to Sprague to Canoles
 CGIMT Toronto Medivac out of YYZ

5:23PM Controller input to change to DCA from SFO at ZOB

5:30PM UAL175 changes beacon code
1470-3020-3321 Sector 42
SATORI = ZNY_01_S11_8_R42
Information per McCormick to Sprague

5:35PM UAL93 Request from VP for data on Aircraft
Short Summary UA93 JST
Point of Departure
Hijack
FA [REDACTED] gh